

Asp, Glu, Lys, Arg, His, Met, Orn, and amino acid units of the general formula I



wherein R¹ and R² are selected from the group consisting of hydrogen, C₁₋₆-alkyl, phenyl, and phenyl-methyl, wherein C₁₋₆-alkyl is optionally substituted with from one to three substituents selected from halogen, hydroxy, amino, cyano, nitro, sulfono, and carboxy, and phenyl and phenyl-methyl is optionally substituted with from one to three substituents selected from C₁₋₆-alkyl, C₂₋₆-alkenyl, halogen, hydroxy, amino, cyano, nitro, sulfono, and carboxy, or R¹ and R² together with the carbon atom to which they are bound form a cyclopentyl, cyclohexyl, or cycloheptyl ring, e.g. 2,4-diaminobutanoic acid and 2,3-diaminopropanoic acid; and

wherein the ratio between the half-life of said peptide conjugate and the half-life of the corresponding pharmaceutically active peptide sequence, X, when treated with carboxypeptidase A or leucine aminopeptidase in about 50 mM phosphate buffer solution at about pH 7.4 at about 37°C or in serum or plasma is at least about 2, preferably at least about 3, such as at least about 5, more preferably at least about 7, such as at least about 9, e.g. at least about 10 or when said pharmaceutically active peptide X is not orally absorbed, said conjugate is absorbed,

or a salt thereof, [with the proviso that said pharmaceutically active peptide conjugate is not selected from

H-Trp-Ala-Gly-Gly-Asp-Ala-Ser-Gly-Glu-(Lys-Glu)₃-OH,

H-Trp-Ala-Gly-Gly-Asp-Ala-Ser-Gly-Glu-(Glu)₆-OH,

H-Tyr-Gly-Gly-Phe-Leu-(Glu)₆-OH and

H-Tyr-Gly-Gly-Phe-Leu-(Lys)₆-OH].

In claim 6, line 1, please delete "any of the preceding claims" and insert -claim 1--.

In claim 7, line 1, please delete "claim 5 or 6" and insert -claim 1--.

In claim 9, line 1, please delete "any of claims 5 to 8" and insert -claim 1--.

In claim 13, line 1, please delete "any of claims 5 to 9" and insert -claim 1--.

In claim 16, line 1, please delete "any of claims 5 to 9" and insert -claim 1--.

In claim 20, line 1, please delete "any of claims 5 to 18" and insert -claim 1--.

In claim 21, line 1, please delete "any of claims 5-7" and insert -claim 1--.

In claim 25, line 1, please delete "any of the preceding claims" and insert -claim 1--.

In claim 31, please delete "or claim 30".

In claim 32, please delete "as defined in any of the claims 1-25" and insert -according to claim 1--.

REMARKS

This amendment is made to more clearly define the subject matter which Applicants regard as their invention and to remove multiple